FIG. 1

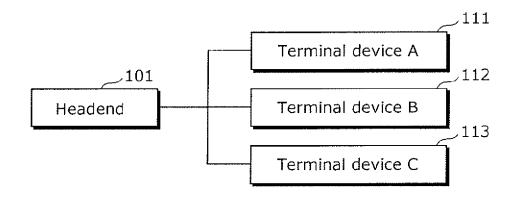


FIG. 2

Frequency band	Usage	Modulation technique
5 to 130 MHz	Out Of Band (OOB) Data exchange between headend and terminals	QPSK
130 to 86 4MHz	In-band Ordinary television broadcasting including video and audio	QAM

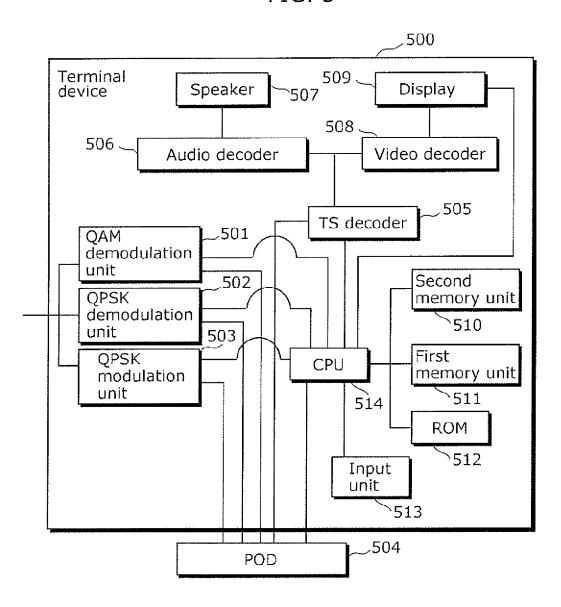
FIG. 3

Frequency band	Usage		
70 to 74 MHz	Data transmission from headend 101 to terminal device		
10.0 to 10.1 MHz	Data transmission from terminal device A111 to headend 101		
10.1 to 10.2 MHz	Data transmission from terminal device B112 to headend 101		
10.2 to 10.3 MHz	Data transmission from terminal device C113 to headend 101		

FIG. 4

Frequency band	Usage		
150 to 156 MHz	Television channel 1		
156 to 162 MHz	Television channel 2		
!			
310 to 311 MHz	Radio channel 1		
1 1 1 1 1			

FIG. 5



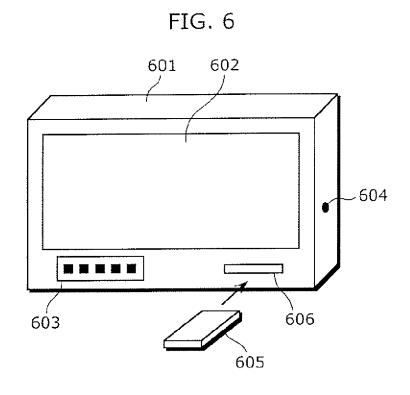


FIG. 7

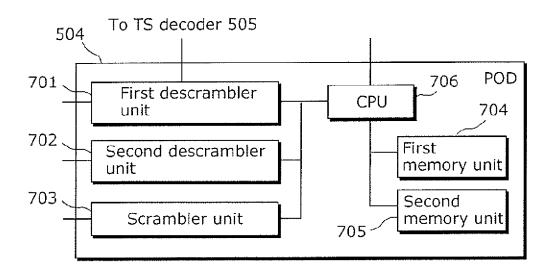


FIG. 8

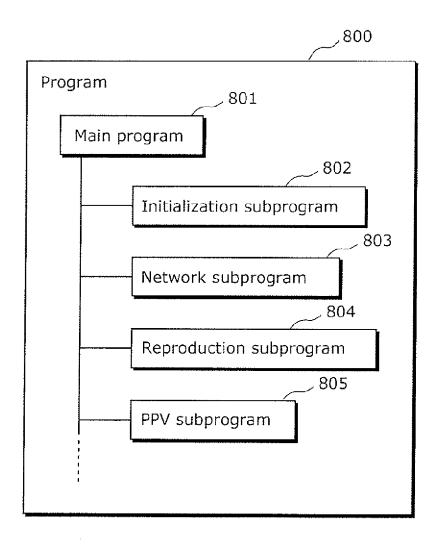


FIG. 9

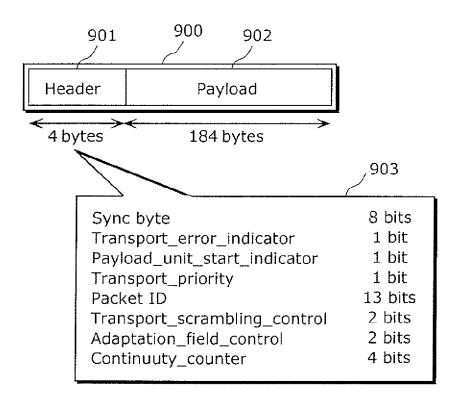


FIG. 10

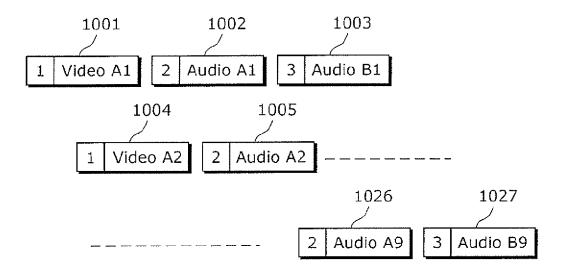


FIG. 11

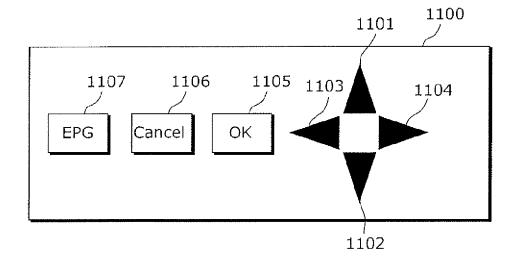
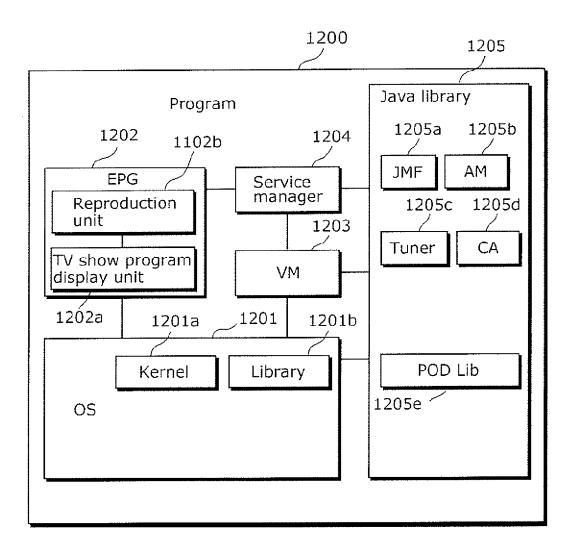
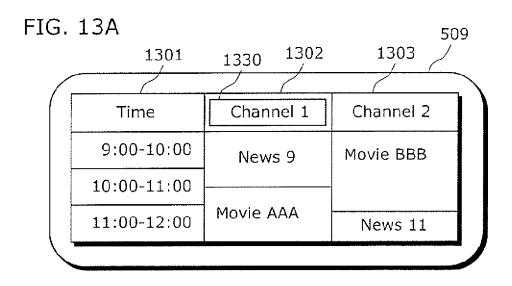


FIG. 12





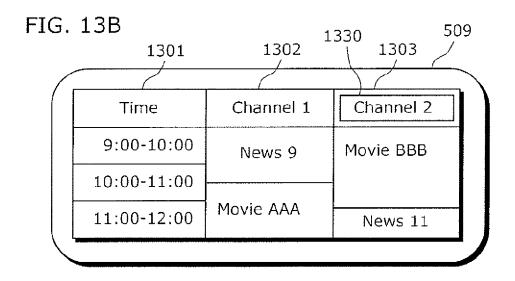


FIG. 14

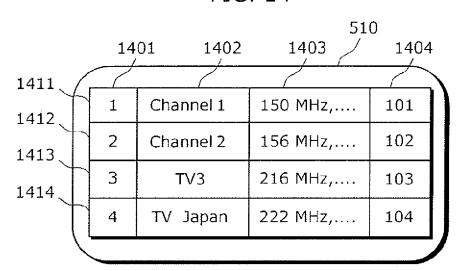


FIG. 15A FIG. 15B

3 2

FIG. 15C

FIG. 16

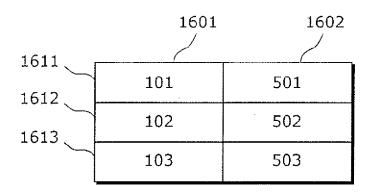


FIG. 17

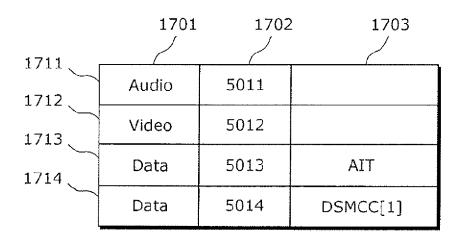


FIG. 18

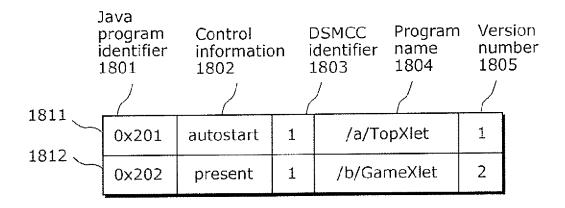


FIG. 19

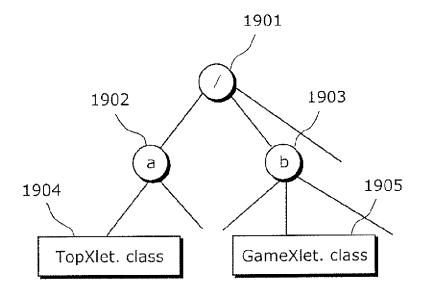


FIG. 20

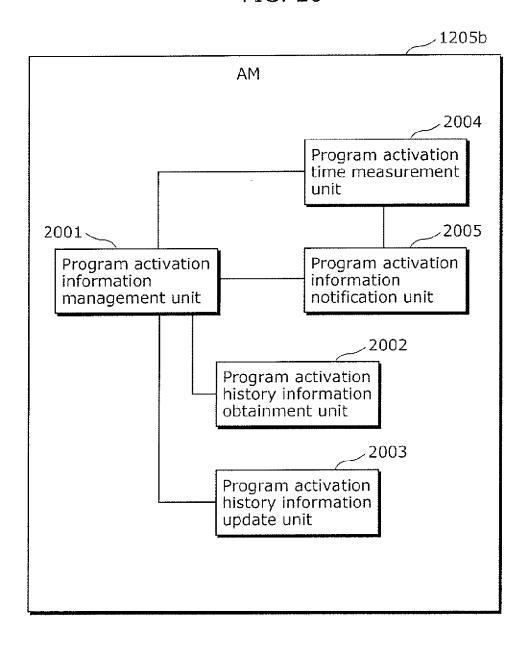


FIG. 21A

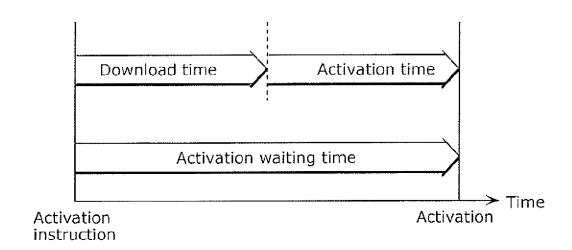


FIG. 21B

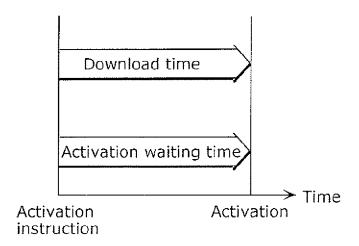


FIG. 22

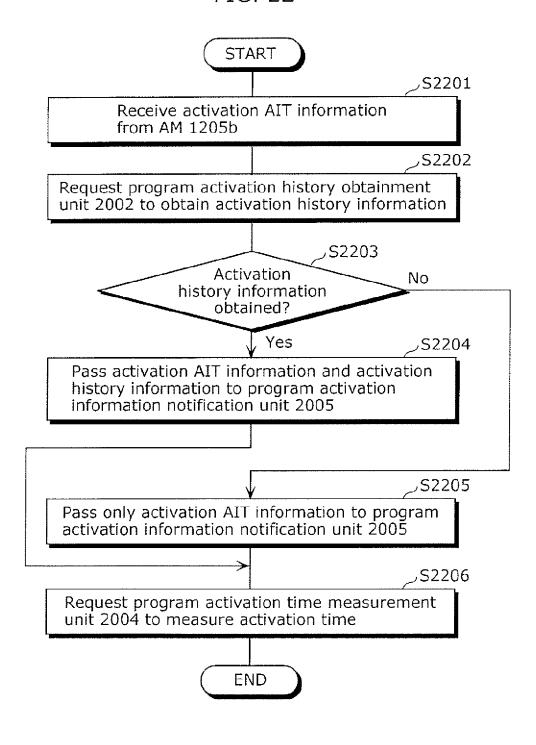


FIG. 23

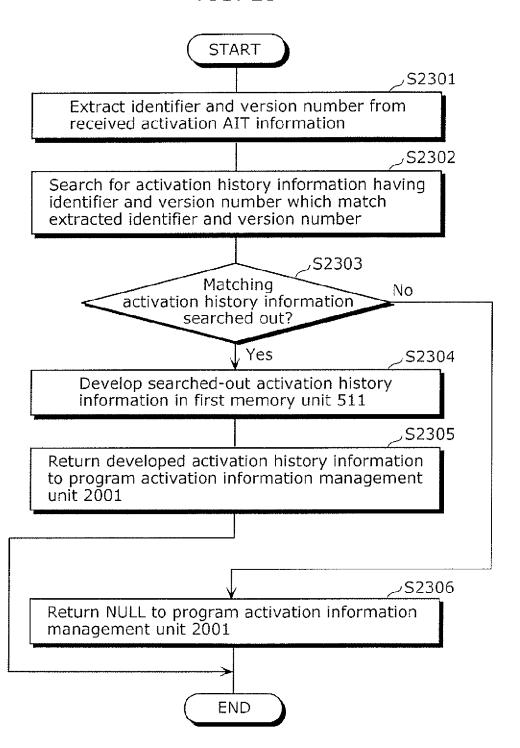


FIG. 24

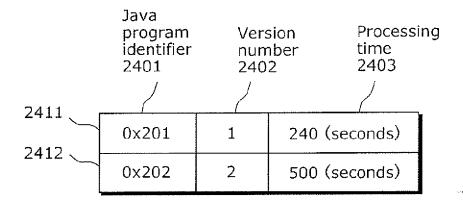
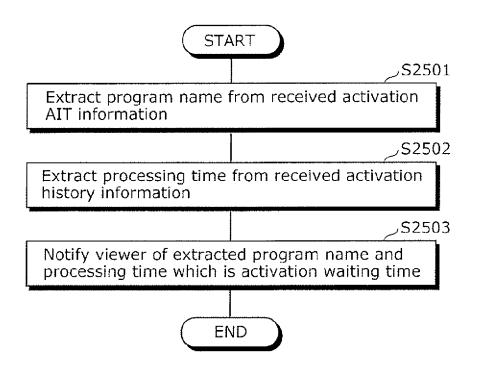


FIG. 25



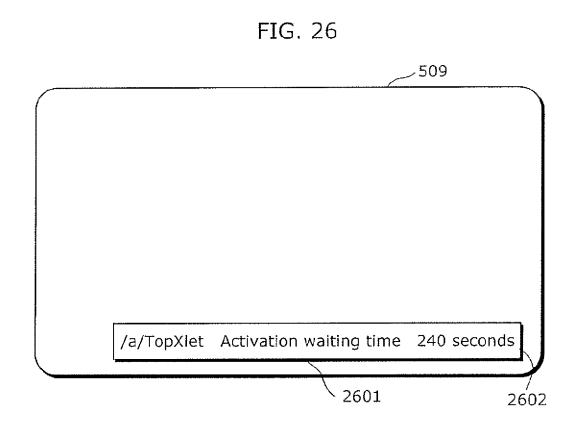


FIG. 27

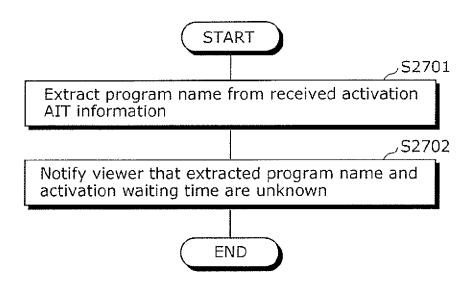
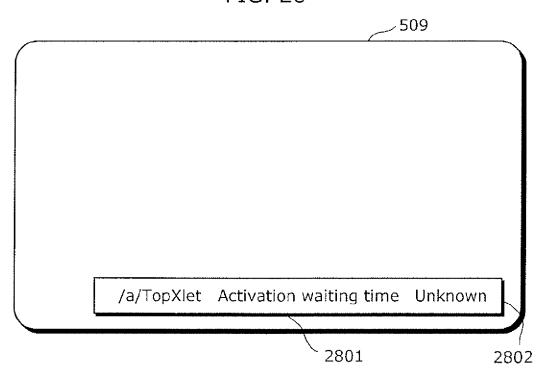


FIG. 28



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FIG. 29

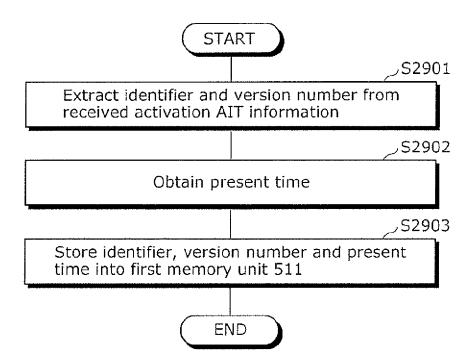


FIG. 30

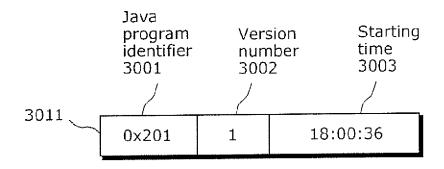


FIG. 31

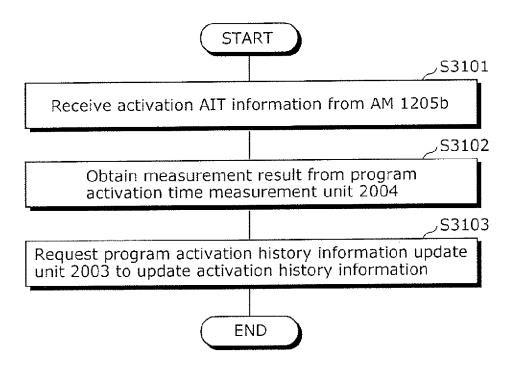


FIG. 32

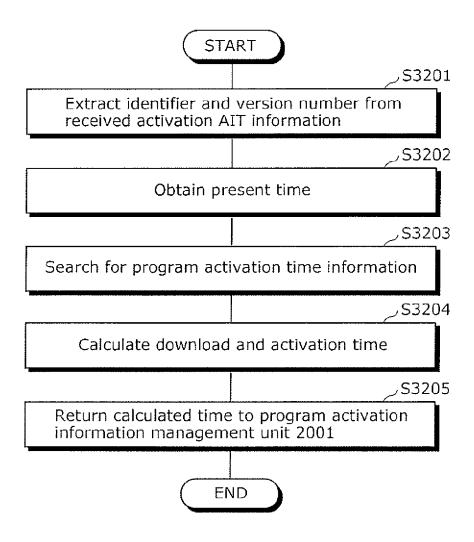


FIG. 33

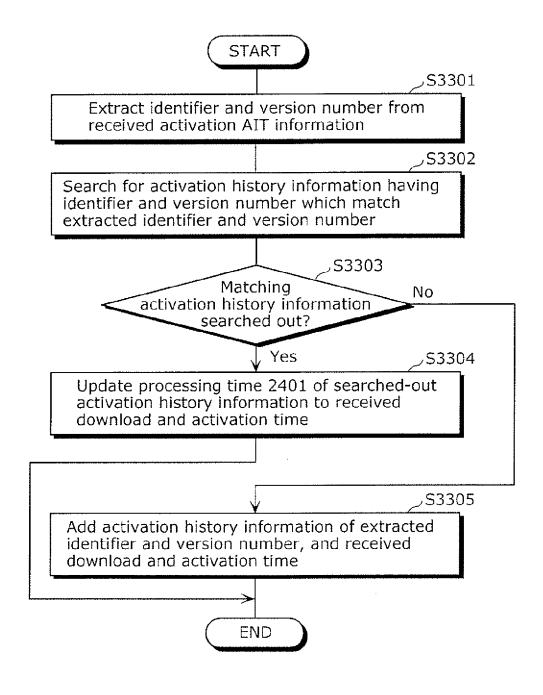


FIG.34

	Java program identifie 3401		on id	SMCC dentifier 403	Program name 3404	n Prior 3405	
3411 .	1			/			
	701	autostart	1	/a/Ban	ner1Xlet	200	
3412	702	present	1	/b/Ban	ner2Xlet	201	

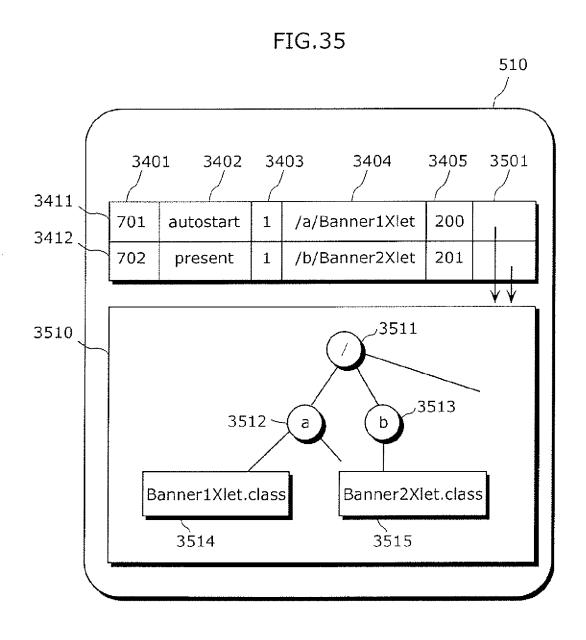


FIG. 36

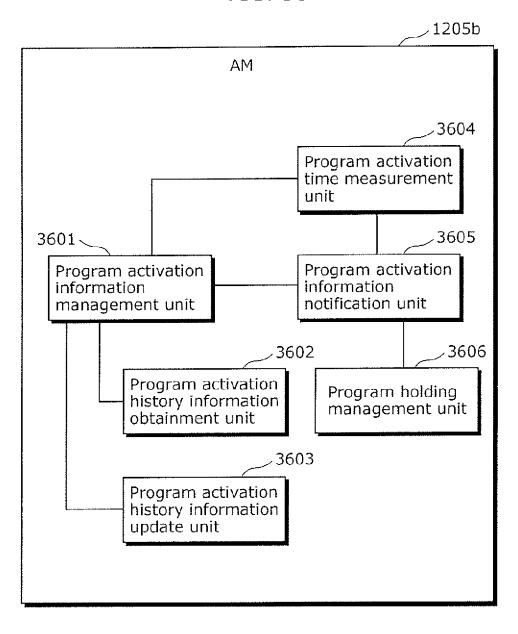


FIG. 37

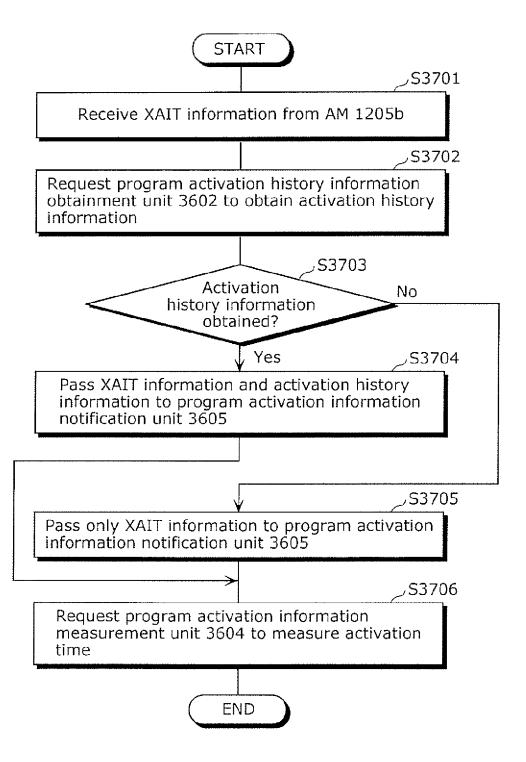


FIG. 38

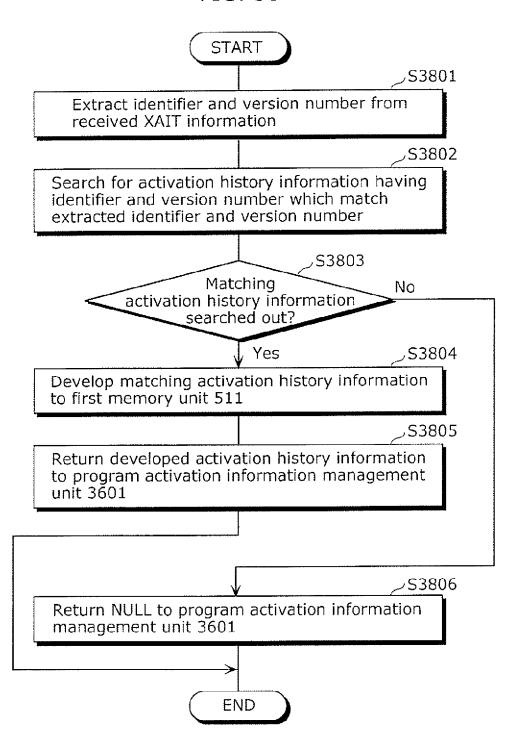


FIG. 39

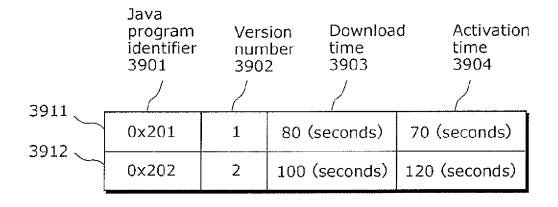


FIG. 40

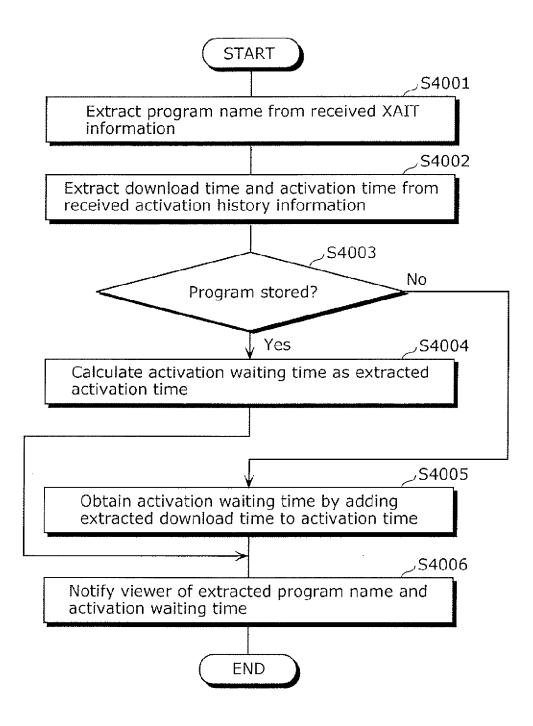


FIG. 41

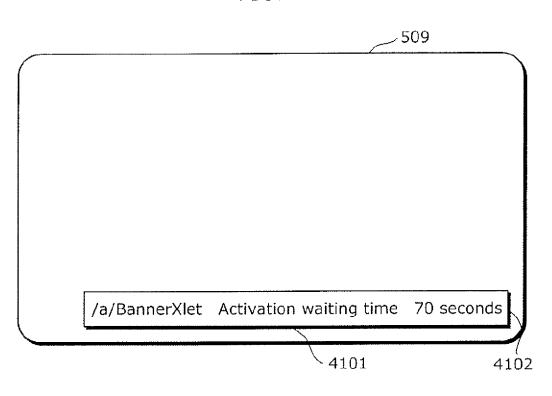
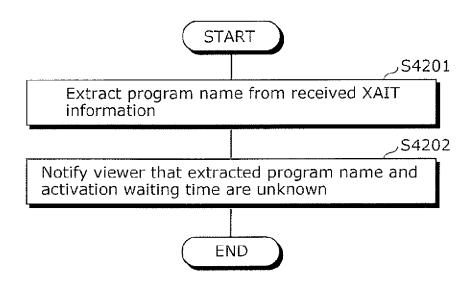
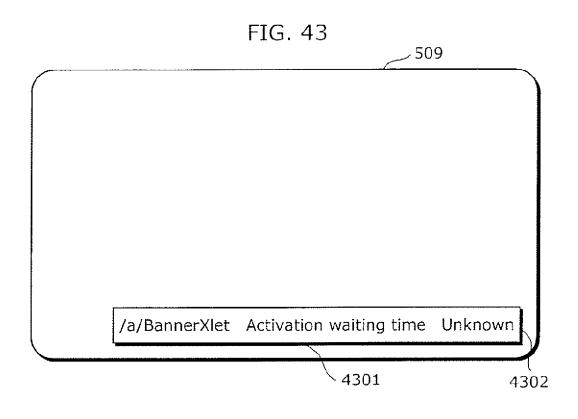
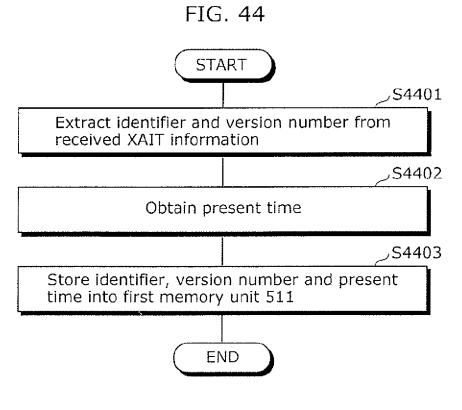


FIG. 42



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FIG. 45

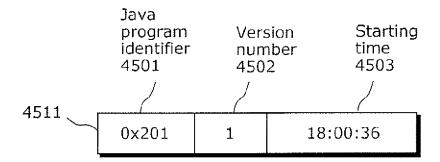


FIG. 46

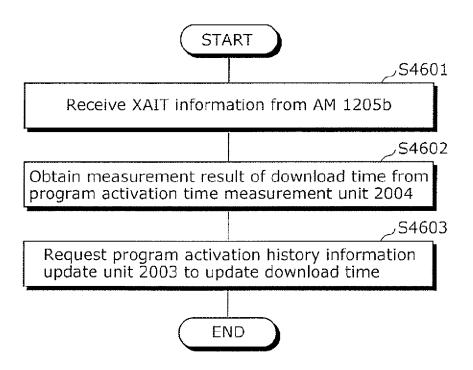


FIG. 47

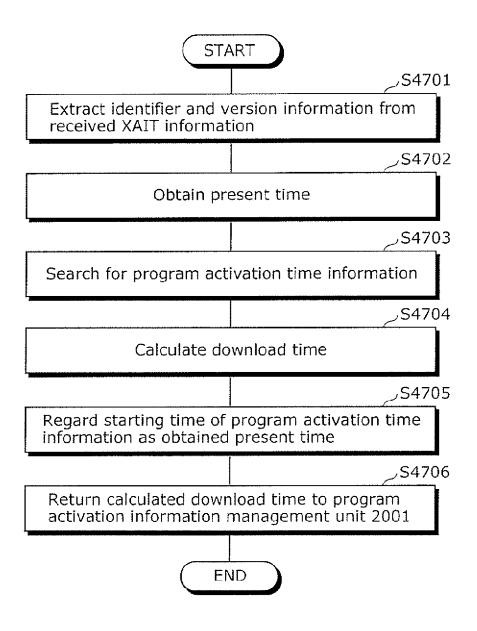


FIG. 48

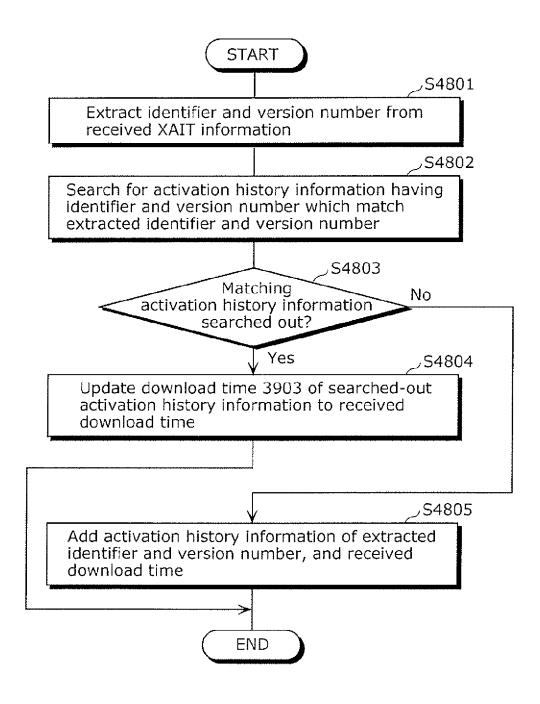


FIG. 49

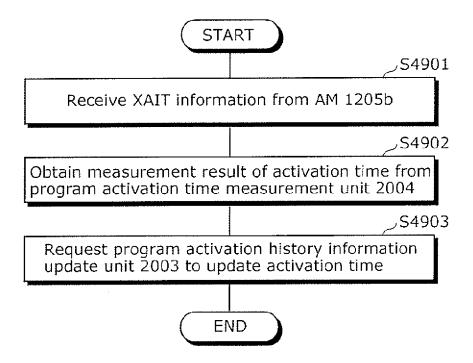


FIG. 50

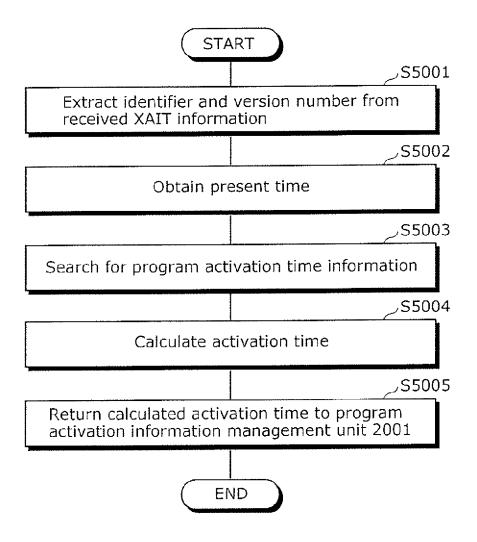
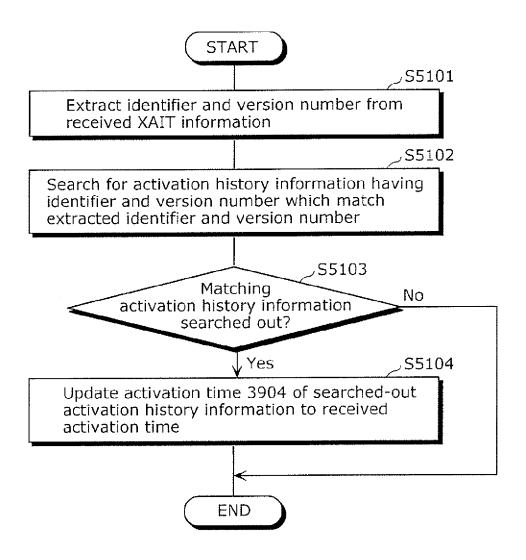
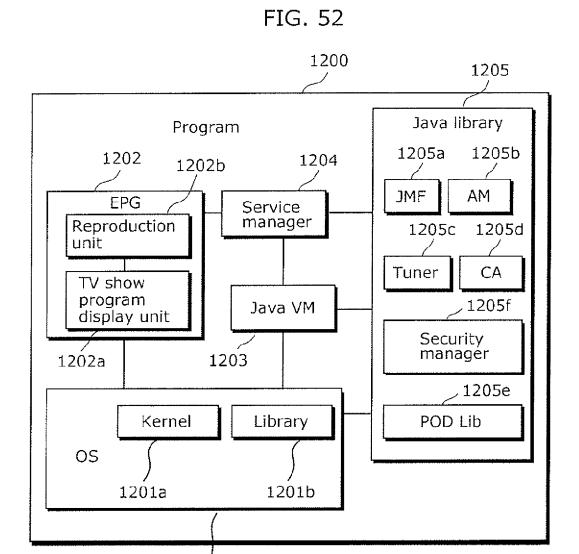


FIG. 51





1201

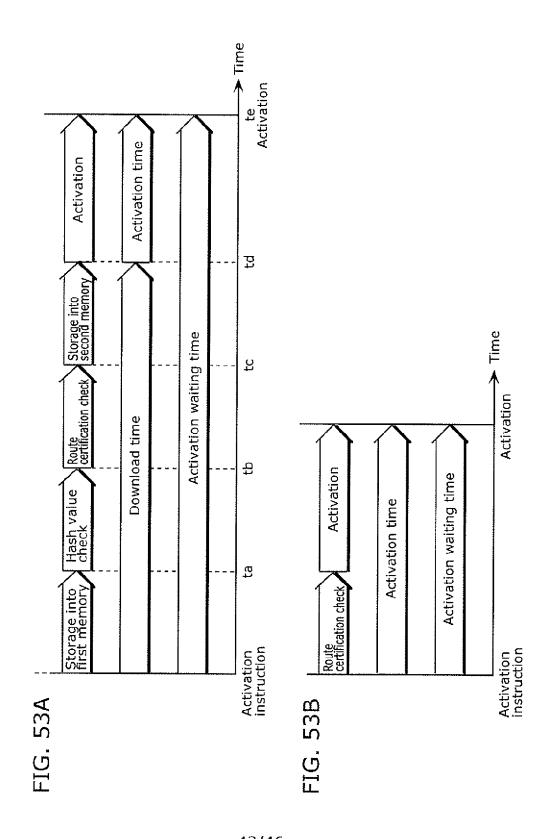
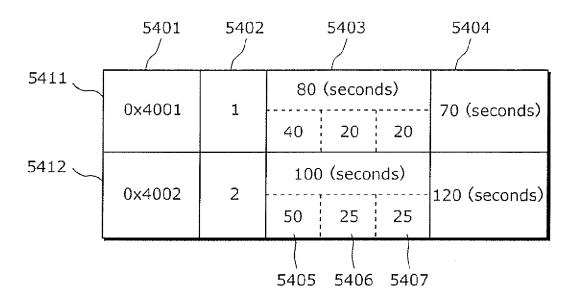


FIG. 54



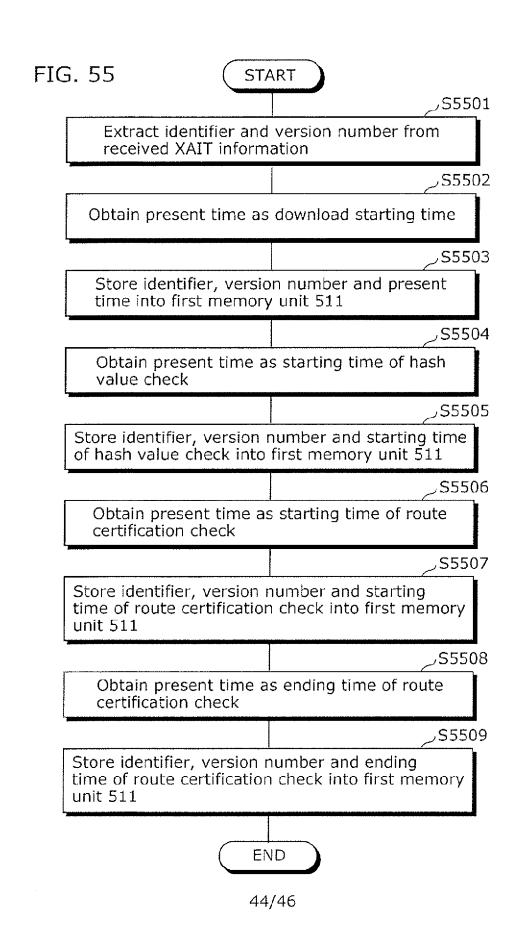
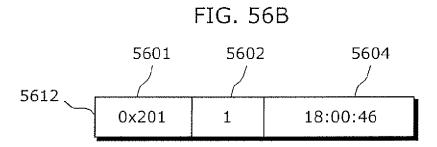
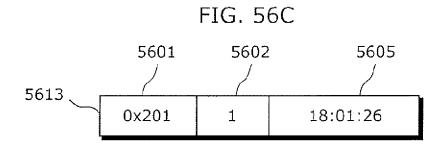


FIG. 56A

5601 5602 5603

5611 0x201 1 18:00:36





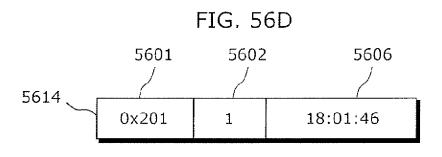
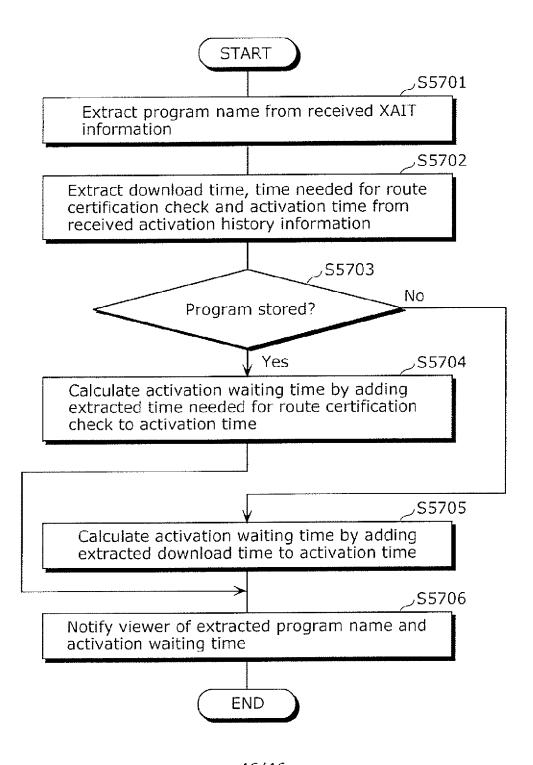


FIG. 57



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